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E7.4-10559

CR-138634

101800-12-P

19 June 1974

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Oil Pollution Detection, Monitoring and Law Enforcement  
Quarterly Progress Report, May 1974

EREP Investigation 417  
NASA Contract NAS9-13281

Prepared by

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N74-27771

(E74-10559) OIL POLLUTION DETECTION,  
MONITORING AND LAW ENFORCEMENT Quarterly  
Progress Report (Environmental Research  
Inst. of Michigan) 2 P HC \$4.00

Unclas  
00559

CSCI 13B G3/13

101800-12-P

Oil Pollution Detection, Monitoring and Law Enforcement  
Quarterly Progress Report, May 1974

This report covers progress during the fifth quarter of Contract NAS9-13281, "Evaluate Skylab EREP Data for Oil Pollution Detection, Monitoring and Law Enforcement", EREP No. 417. The work is being conducted in the Infrared and Optics Division of the Environmental Research Institute of Michigan, under the general supervision of Mr. R. R. Legault. The principal investigator is Mr. R. Horvath.

The lack of SKYLAB EREP coverage of documented oil spills has led to a modified approach for accomplishing this program. EREP photographic coverage (S190A and S190B) will be subjected to reconnaissance-type interpretation as a means for locating unreported oil slicks. If such slicks are located, technical analysis of S-192 data will proceed in accordance with the originally proposed methodology and objectives. The search will be focused in the Gulf of Mexico and along the southern coast of California where high probabilities of slick occurrence exist.

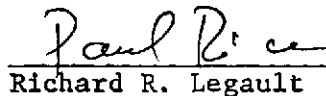
Mr. Horvath traveled to Johnson Space Center on 26 and 27 March 1974 in order to discuss procedures for the above described modified approach with V. Ettredge and L. York of PIMO. Available EREP coverage was screened and an order placed for seven photographic data sets (S190A, S190B and S192 screening film).

Respectfully submitted,



Robert Horvath  
Principal Investigator

APPROVED BY:



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Director, Infrared and Optics Division

RH/RRL/dac